



APPENDIX - CLEAN COPY OF AMENDED CLAIMS

1. A pressure sensitive hydrocolloid adhesive for medical use comprising the following composition by percentage weight:

- a) from about 2% to about 10% ethylene propylene rubber
- b) from about 9.5% to about 16% styrenic block copolymer
- c) from about 24% to about 33% polyvinylcyclohexane tackifying resin having a softening point below about 37°C
- d) from about up to .5% anti-oxidant
- e) from about 15% to about 35% NaCMC (Low DS)
- f) from about 5% to about 20% pectin
- g) from 0% to about 6% tackifier with low softening point
- h) from about 3% to about 12% plasticizer
- i) from 0% to about 25% NaCMC (high DS)
- j) from 0% to about 6% powdered cellulose

wherein the probe tack force in grams is in the range of 400-750, saline absorbency is in the range of about 500-5000 g/m²/d, and tensile strength is in the range of about 500-3500 g/cm².

2. The hydrocolloid adhesive of claim 1 wherein the ethylene propylene rubber has a broad molecular weight distribution of lower molecular weight species and higher molecular weight species.

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16. A pressure sensitive hydrocolloid adhesive for medical use comprising the following composition by percentage weight:

- a) from about 2% to about 20% ethylene propylene rubber
- b) from about 2% to about 16% styrenic block copolymer
- c) from about 14% - about 33% polyvinylcyclohexane tackifying resin having a softening point below about 37°C

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- A2
- d) from 0% to about 0.5% anti-oxidant
 - e) from about 10% to about 35% NaCMC with degree of substitution below 1.0
 - f) from 0% to about 30.5% pectin
 - g) from about 3% to about 12% plasticizer
 - h) from 0% to about 6% tackifier with softening point below about 37°C
 - i) from 0% to about 25% NaCMC with degree of substitution above 1.0
 - j) from 0% to about 6% powdered cellulose

wherein the probe tack force in grams is in the range of 400-750, saline absorbency is in the range of about 500-5000g/m²/d, and tensile strength is in the range of about 500-3500 g/cm².

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20. A pressure sensitive hydrocolloid adhesive for medical use comprising the following composition by percentage weight:

- A3
- a) from about 11.5% to about 36% of a hydrocolloid blend of ethylene propylene rubber and styrenic block copolymer
 - b) from about 24% to about 39% polyvinylcyclohexane tackifying resin having a softening point below about 37°C
 - c) from 0% to about 0.5% anti-oxidant
 - d) from about 20% to about 52% absorbent powder selected from the group NaCMC pectin, powdered cellulose, and pregelatinized starch, optionally including minor amounts of powdered fillers, fibers, absorbents, or super absorbents
 - e) from about 3% to about 12% plasticizer
 - f) from 0% to about 6% tackifier with softening point below about 37°C
 - g) from 0% to about 25% NaCMC with degree of substitution above 1.0
 - h) from 0% to about 6% powdered cellulose

wherein the probe tack force in grams is in the range of 400-750, saline absorbency is in the range of about 500-5000g/m²/d, and tensile strength is in the range of about 500-3500 g/cm².

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